

SECTION 49

PILING

Piling shall conform to Section 49 of the Caltrans Standard Specifications and these City Standard Specifications.

49-1 GENERAL

49-1.02 Materials. - Concrete and steel shell piles are classified and designated by design loading in tons as Class 45 or Class 70 with configuration options. Where corrosion resistant piles are required, the letter "C" is added to the class designation.

49-1.11 Defective Piles. - The method used in driving piles shall not subject them to excessive and undue abuse producing crushing and spalling of the concrete, injurious splitting, splintering, and brooming of the wood, or deformation of the steel. Manipulation of piles to force them into proper position, if considered by the Engineer to be excessive, will not be permitted. Any pile damaged in driving by reason of internal defects, damaged by improper driving or driven out of its proper location shall be corrected at the Contractor's expense by one of the following methods approved by the Engineer for the pile in question.

1. The pile shall be withdrawn and replaced by a new and, when necessary, longer pile.
2. A second pile shall be driven adjacent to the defective pile.
3. The pile shall be spliced or built up as otherwise provided herein or a sufficient portion of the footing extended to properly imbed the pile.

49-6 MEASUREMENT AND PAYMENT

49-6.02 Payment. - In the sixth paragraph of the Caltrans Standard Specifications, delete both "Sacramento and Los Angeles" the 3 places it appears and substitute "City of San Jose" therefor.